



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

Clopay Building Products Co.
8585 Duke Blvd.
Mason, OH 45040

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code including the High Velocity Hurricane Zone.

DESCRIPTION: Sectional Garage Door 16'- 2" Wide.

APPROVAL DOCUMENT: Drawing No. 101300, titled "Double Car Hurricane Pan Door", dated 02/15/95 with last revision on 01/06/04, sheets 1 and 2 of 2, prepared by Clopay Building Products Co, signed and sealed by M. W. Westerfield, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

LIMITATION: This approval requires the manufacturer to do testing of all coils used to fabricate door panels under this Notice of Acceptance. A minimum of 2 specimens shall be cut from each coil and tensile tested according to ASTM E-8 by a Dade County approved laboratory selected and paid by the manufacturer. Every 3 months, four times a year, the manufacturer shall mail to this office: a copy of the tested reports with confirmation that the specimen were selected from coils at the manufacturer production facilities. And a notarized statement from the manufacturer that only coils with yield strength of 38000 psi or more shall be used to make door panels for Dade County under this Notice of Acceptance

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # 00-1212.03 and consists of this page, evidence page as well as the approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**


02/05/04



NOA No 03-0829.05
Expiration Date: March 26, 2006
Approval Date: February, 05 2004
Page 1

Clopay Building Products Co.

NOTICE OF ACCEPTANCE: EVIDENCE PAGE

A. DRAWINGS

1. *Drawing prepared by Clopay Building Products Co., titled "Double Car Hurricane Pan Door", Drawing No. 101300, dated 02/15/95, with last revision on 01/06/2004, sheets 1 through 2 of 2, signed and sealed by M.W. Westerfield, PE.*

B. TESTS

1. *Test report of large missile impact test per PA 201 and cyclic wind pressure test per PA 203 of "Garage Door", prepared by Hurricane Engineering & Testing, Inc., report No. HETI 95-408, dated 01/25/95, signed and sealed by H. M. Medina, PE.*
2. *Test report of Uniform Static Air Pressure Test Per PA 202 on "Garage Door", prepared by Hurricane Engineering & Testing, Inc., report No. HETI 95-407, dated 01/24/95, signed and sealed by H. M. Medina, PE.*
3. *Test report of Forced Entry Resistance per section 3603.2(b)5 on "Garage Door" prepared by Hurricane Engineering Testing, Inc. report No. HETI 95-407f, dated 01/25/95, signed and sealed by H. M. Medina, PE.*

C. CALCULATIONS

1. *Calculations dated 01/20/95; pages 1 and 2, prepared by M. W. Westerfield, PE, signed and sealed by M. W. Westerfield, PE.*
2. *Calculations dated 02/24/95, page 1, prepared M.W. Westerfield, PE, signed and sealed by M.W. Westerfield, PE.*

D. MATERIAL CERTIFICATIONS

1. *Test report of Tensile Test per ASTM E 8, report No. HETI 94-T59, prepared by Hurricane Engineering & Testing, Inc., dated 02/06/95, signed and sealed by H.M. Medina, PE.*
2. *Test report of Salt Spray Test per ASTM D1654 & ASTM B117, report No. 9EM-1144, prepared by Q.C. Metallurgical, Inc., dated 06/03/99, signed and sealed by K. Grate.*

E. STATEMENTS.

1. *Affidavit of yield strength compliance prepared by R. D. Shifflett employed by Clopay Building Products Co., notarized on 01/11/2001 by B. H. Schuler.*

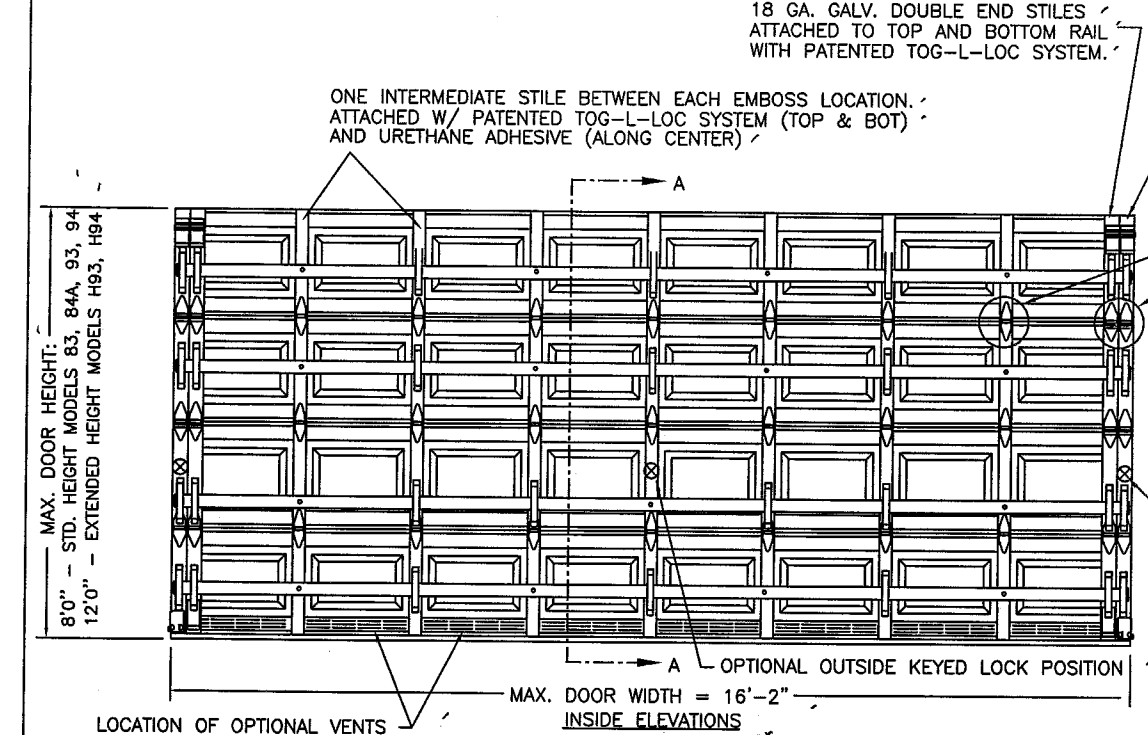
F. QUALITY ASSURANCE.

1. *Building Code Compliance Office.*


02/05/04
Candido F. Font, PE.
Senior Product Control Division
NOA No 03-0829.05
Expiration Date: March 26, 2006
Approval Date: February 05, 2004

REV	DATE	DESCRIPTION
1	3/27/95	ADDED JAMB DWG & CHART TO PAGE 4
2	11/3/97	REFIT DWG TO 2 PAGES
3	2/13/98	DQSK; VENT AREA; TRACK NOTE TO PG. 1
4	12/6/2000	DEL. M/N 87/97; DDS/G-40 WAS DQSK/G-60
5	8/25/2003	ADDED EXTENDED HEIGHT MODELS H93, H94
6	1/6/2004	JAMB ATTACHMENT & VENT NOTES MODIFIED

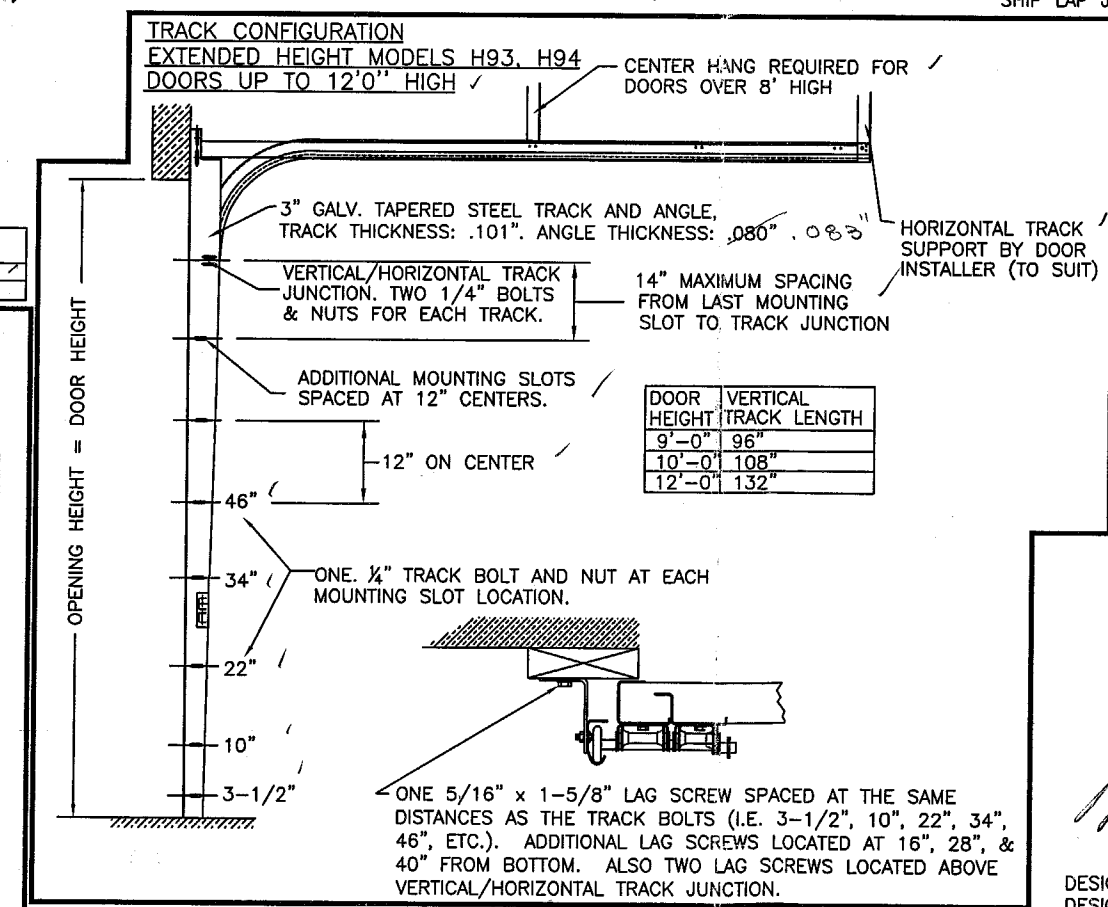
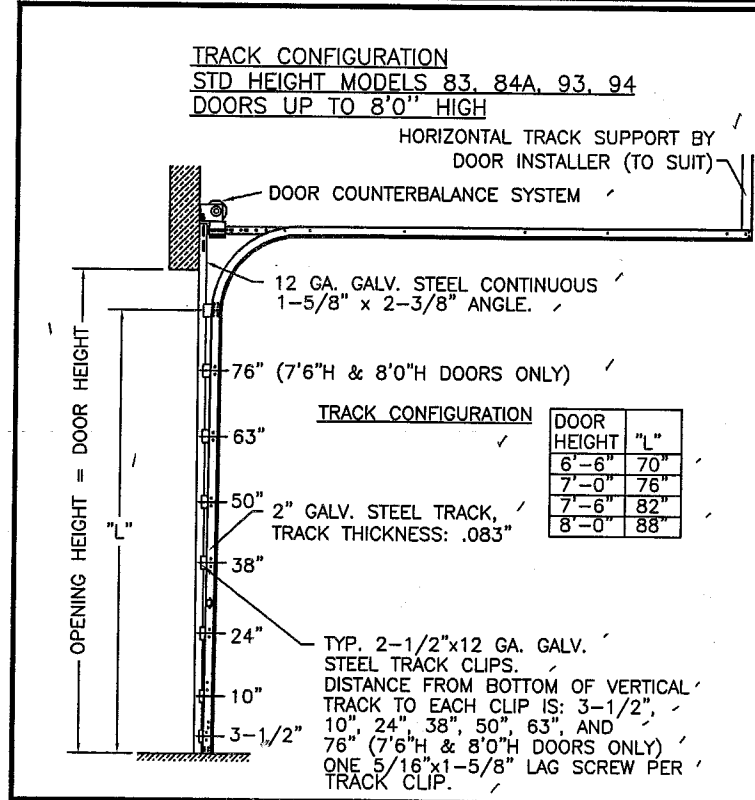
MODELS 83, 84A, 93, 94 (UP TO 8'0" HIGH), H93, H94 (UP TO 12'0" HIGH)



DOOR HEIGHT	NUMBER OF SECTIONS*
6'0" TO 7'0"	4
7'6" TO 8'0"	5
9'0" TO 10'6"	6
10'9" TO 12'0"	7

* - SECTIONS ARE EITHER 18" OR 21" HIGH

INSTALLER MODEL	RETAIL MODEL	DESCRIPTION
93, H93	83	WOODGRAIN TEXTURE, RAISED PANEL, GALV. INTER. STILES
94, H94	84A	WOODGRAIN TEXTURE, RAISED PANEL, PAINTED/GALV. INTER. STILES



DESIGN ENGINEER
MARK W. WESTERFIELD, P.E.
FLORIDA REGISTRATION No. 48495

Clopay
Building Products
Company

DESIGN LOADS: +46.6 P.S.F. & -52.0 P.S.F. (MODELS 83, 84A, 93, 94)
DESIGN LOADS: +46.6 P.S.F. & -51.7 P.S.F. (MODELS H93, H94)

TOLERANCES
Unless Stated Otherwise
.00 = ±.03
.000 = ±.015
.0000 = ±.007
Degrees = ±1/2°

CLOPAY BUILDING PRODUCTS
8585 DUKE BLVD.
MASON, OHIO 45040
(513) 770-4800

SCALE: NOTED
DATE: 2/15/95
DRAWN BY: MWW
CHECKED BY:

PAGE: 1 OF 2
MAX. SIZE: 16'2"W x 12'0"H

DESCRIPTION: DOUBLE CAR HURRICANE PAN DOOR

DRAWING NUMBER: 101300
REV: 6

MODELS 83, 84A, 93, 94 (UP TO 8'0" HIGH), H93, H94 (UP TO 12'0" HIGH)
2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

- NOTES:
- 1) ALL THE LOAD FROM THE DOOR IS TRANSFERRED TO THE TRACK AND THEN FROM THE TRACK TO THE 2x6 VERTICAL JAMBS (GRADE 2 OR BETTER YELLOW PINE). NO LOAD FROM THE DOOR IS TRANSFERRED TO THE HORIZONTAL (TOP) JAMB.
 - 2) EACH VERTICAL JAMB SEES A MAXIMUM DESIGN LOAD OF +372.8 LB & -416 LB. PER LINEAR FOOT OF JAMB.
 - 3) ALL JAMB FASTENERS MAY BE (BUT NOT REQUIRED) COUNTERSUNK TO PROVIDE A FLUSH MOUNTING SURFACE.

WOOD FRAME BUILDINGS

STUD WALLS OF DOOR OPENING SHALL BE FRAMED SOLID BY NOT LESS THAN (3) 2x6 PRESSURE TREATED GRADE #2 OR BETTER WOOD STUD OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING (F_b) FOR DOORS UP TO 8'0" HIGH. STUD WALLS TO BE CONTINUOUS FROM FOOTING TO TIE BEAMS AND IN ACCORDANCE WITH THE FLORIDA BUILDING CODE. (4) 2x6 PRESSURE TREATED GRADE #2 OR BETTER WOOD STUD OF A STRESS GRADE NOT LESS THAN 1200 PSI NOMINAL EXTREME FIBER STRESS IN BENDING FOR DOORS UP TO 12'0" HIGH.

BLOCK WALL OR CONCRETE

2x6 WOOD JAMB SHALL BE ANCHORED TO GROUT REINFORCED BLOCK WALL OR CONCRETE COLUMN. BLOCK WALL CELLS SHALL BE FILLED WITH CONCRETE AND REINFORCED WITH #5 BAR EXTENDING INTO THE FOOTING AND INTO TIE BEAMS. ALL BARS SHALL BE CONTINUOUS FROM THE TIE BEAMS TO FOOTING PER BLOCK WALL OR CONCRETE COLUMN. BLOCK WALLS AND CONCRETE COLUMNS TO BE DESIGNED BY BUILDING PROFESSIONAL OF RECORD AND IN ACCORDANCE WITH THE FLORIDA BUILDING CODE.

2x6 JAMB TO SUPPORTING STRUCTURE ATTACHMENT

(NOT TO BE USED FOR ATTACHMENT OF TRACK ANGLE TO 2x6 VERTICAL JAMBS OR SUPPORTING STRUCTURE)

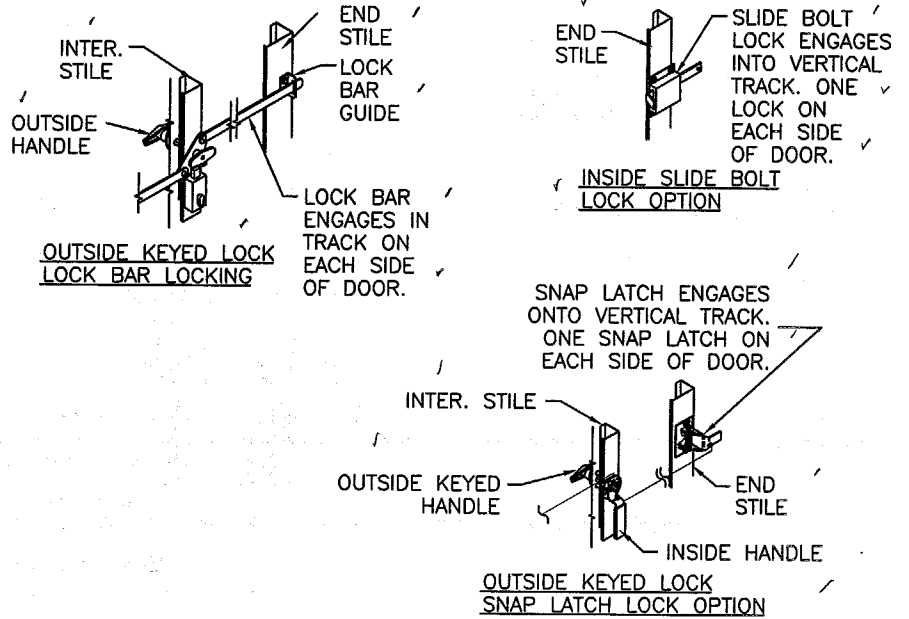
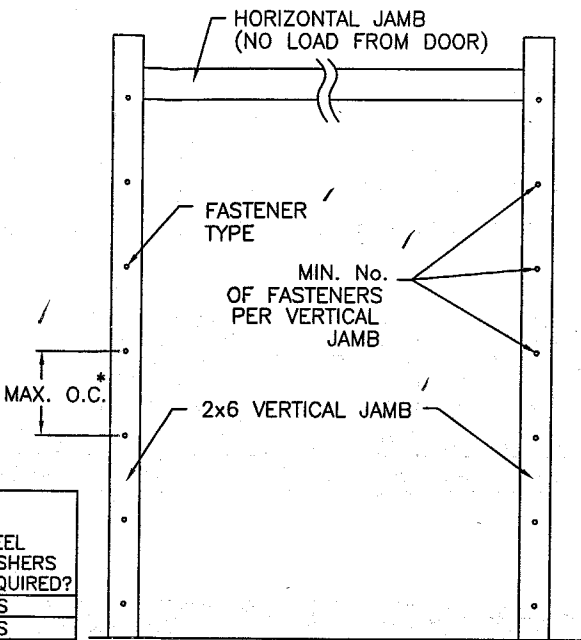
BUILDING TYPE	FASTENER TYPE	MAXIMUM ON-CENTER DISTANCE BETWEEN FASTENERS*	STEEL WASHERS REQUIRED?
WOOD FRAME	1/2" x 3" EMBED LAG SCREW (ASTM A307, GRADE A) 1-1/2" EMBED INTO STRUCTURE	16"	YES
BLOCK WALL OR CONCRETE	1/4" x 1-3/4" MIN. EMBED ELCO TAPCON CONCRETE ANCHOR	10"	YES
BLOCK WALL OR CONCRETE	3/8" x 1-3/4" MIN. EMBED POWER-STUD EXPANSION ANCHOR (7400 SERIES)	16"	NO
BLOCK WALL OR CONCRETE	3/8" x 1-3/4" MIN. EMBED POWER LOK/BOLT ANCHOR BOLT (5000 SERIES)	14"	NO

MINIMUM DISTANCE BETWEEN CENTER OF ANCHOR AND EDGE OF CONCRETE BLOCK: 3", EXCLUDING STUCCO THICKNESS.

* FIRST (BOTTOM) ANCHOR STARTING AT NO MORE THAN HALF OF THE MAXIMUM ON-CENTER DISTANCE. HIGHEST ANCHOR INSTALLED AT LEAST AS HIGH AS THE DOOR OPENING.

▲ CLOPAY DOES NOT SUPPLY JAMB ATTACHMENT FASTENERS.

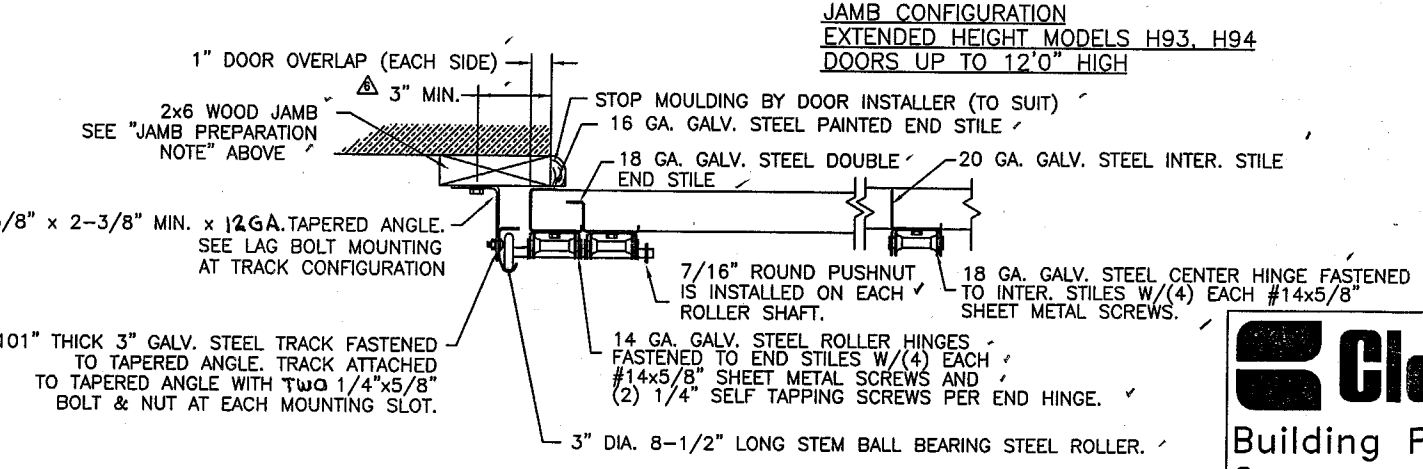
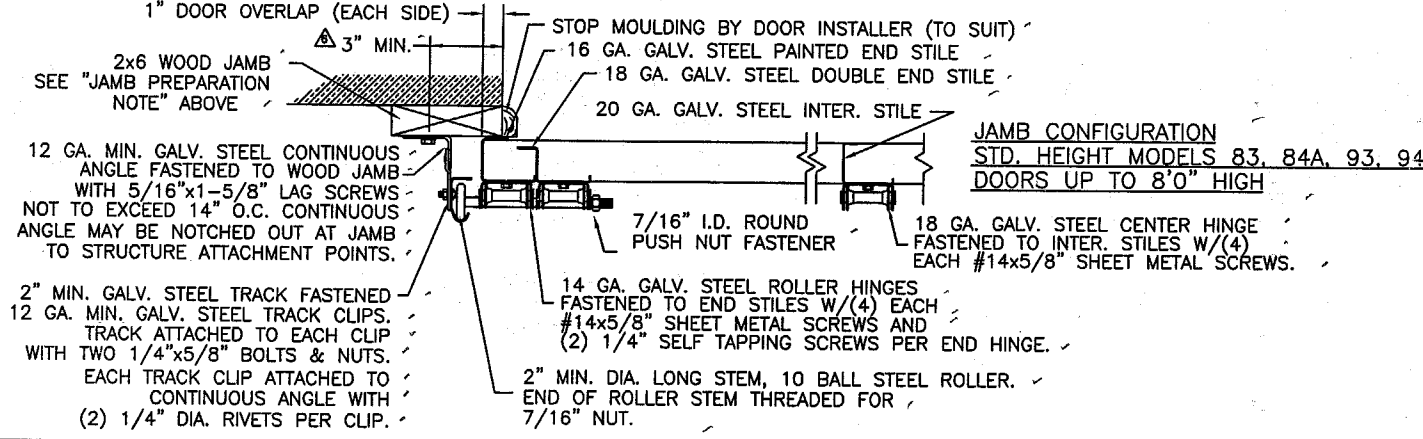
▲ NOTE: A 33% INCREASE IN ALLOWABLE LOAD HAS BEEN USED IN THE DESIGN OF CONCRETE ANCHORS & WOOD FASTENERS.



JAMB PREPARATION NOTE

EACH CONTINUOUS ANGLE TRACK SHALL BE FASTENED TO PRESSURE TREATED 2x6 YELLOW PINE WOOD JAMBS WITH 5/16"x1-5/8" LAG SCREWS (12) LAG SCREWS PER SIDE UP TO 7'0" HIGH AND (13) LAG SCREWS PER SIDE UP TO 8'0" HIGH, (14) LAG SCREWS PER SIDE UP TO 9'0" HIGH, (15) LAG SCREWS PER SIDE UP TO 10'0" HIGH, (16) LAG SCREWS PER SIDE UP TO 11'0" HIGH, (17) LAG SCREWS PER SIDE UP TO 12'0" HIGH. THE METHOD OF ATTACHMENT TO THE SUPPORTING STRUCTURE OF THE PRESSURE TREATED 2x6 WOOD JAMBS SHALL BE APPROVED BY THE PROFESSIONAL OF RECORD FOR THE STRUCTURE AND IN ACCORDANCE WITH CURRENT BUILDING CODES FOR THE LOADS LISTED ON THIS DRAWING. PREPARATION OF JAMBS BY OTHERS.

ALL MOUNTING OF TRACK, ANGLES, HORIZONTAL TRACK SUPPORTS, AND ALL OTHER DOOR HARDWARE TO BE INSTALLED PER CLOPAY INSTALLATION INSTRUCTIONS SUPPLIED WITH DOOR SYSTEM UNLESS OTHERWISE NOTED.



Mark W. Westerfield 1/6/04

DESIGN ENGINEER
MARK W. WESTERFIELD, P.E.
FLORIDA REGISTRATION No. 48495

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-0829.05
Expiration Date 03/26/06
By *[Signature]*
Miami Dade Product Control
Division

DESIGN LOADS: +46.6 P.S.F. & -52.0 P.S.F. (MODELS 83, 84A, 93, 94)
DESIGN LOADS: +46.6 P.S.F. & -51.7 P.S.F. (MODEL H93, H94)

Clopay
Building Products
Company

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.000 = ±.015
.0000 = ±.007
Degrees = ±1/2"

CLOPAY BUILDING PRODUCTS
8585 DUKE BLVD.
MASON, OHIO 45040
(513) 770-4800

SCALE:	NOTED	PAGE:	MAX. SIZE
DATE:	2/15/95	2 OF 2	16'2"W x 12'0"H
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CHECKED BY:		DRAWING NUMBER:	101300
		REV:	6